5

6

9

1

2

3

2.

6u01>1.	A method of communicating be	etween electronic devices comprising:
<u>//2</u>	operating a first device at a	first hopping frequency during a first period
3	time and at a second ho	opping frequency during a second period of
4	time;	

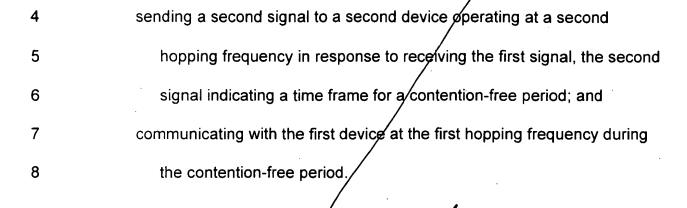
operating a second device	at the first hopping frequency, the second
device communicating w	ith the first device during the first period of
time; and	

of

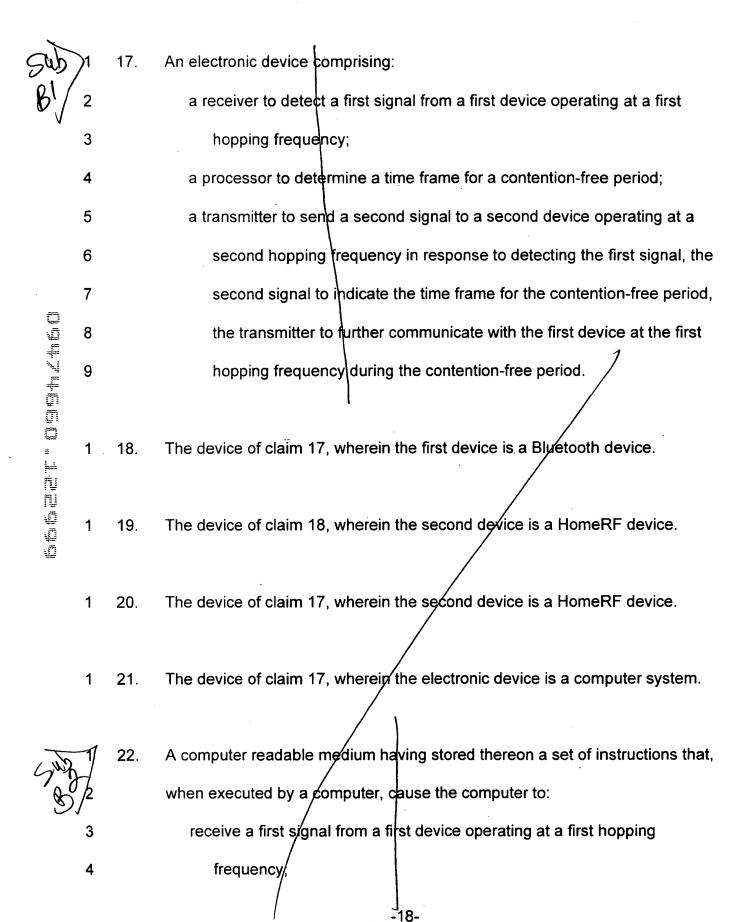
operating a third device at the second hopping frequency, the third device communicating with the first device during the second period of time.

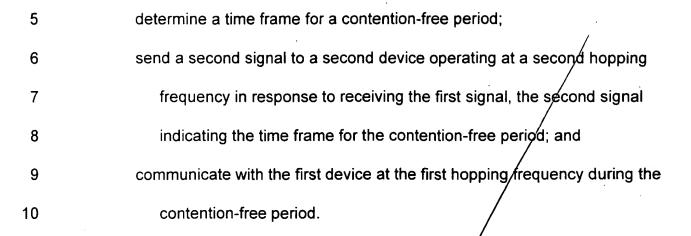
- The method of claim 1, wherein the second and third devices communicate with the first device during the first and second periods of time, respectively, within a single block
- 3. The method of claim 2, wherein the third device communicates with the first device during a contention-free period.
- 1 4. The method of claim 3, wherein the second device communicates with the first device outside of the contention-free/period.

1	5.	The method of claim 1, wherein the third device communicates with the first
2		device during a content on-free period.
1	6.	The method of claim 5 wherein the second device communicates with the
2	•	first device outside of the contention-free period.
1	7.	The method of claim 1 further comprising:
2		sending a signal from the third device to the first device, the signal
3		requesting communication with the first device; and
4		determining a time frame for the second period of time in response to
5		receiving the signal.
1	8.	The method of claim 7, further comprising indicating the time frame to the
2		second device.
1	9.	The method of claim 1, wherein the third device communicates with the first
2	0.	device during a contention-free period, and the second device communicates
2		
3		with the first device outside of the contention-free period.
1	10.	A method of wirelessly communicating with electronic devices comprising:
2		receiving a first signal from a first device operating at a first hopping
3		frequency:



- 1 11. The method of claim 10, further comprising communicating with the second device outside of the contention-free period.
- 1 12. The method of claim 10, wherein sending the second signal to the second
 2 device and communicating with the first device are done within a single block.
- 1 13. The method of claim 10, further comprising sending an initiating signal to the
 2 first device to detect its presence, and the first signal is sent in response to
 3 the initiating signal.
- 1 14. The method of claim 10, wherein communication with the first device is done
 2 within the same block in which the second signal is sent
- 1 15. The method of claim 10, wherein the first device is a Bluetooth device and the second device is a HomeRF device.
- 1 16. A computer system programmed to implement the method of claim 10.





- The medium of claim 22, wherein the set of instructions further cause the computer to communicate with the second device outside of the contentionfree period.
- 1 24. The medium of claim 22, wherein the first device is a Bluetooth device and the second device is a HomeRF device.

09971